

FIG. 1

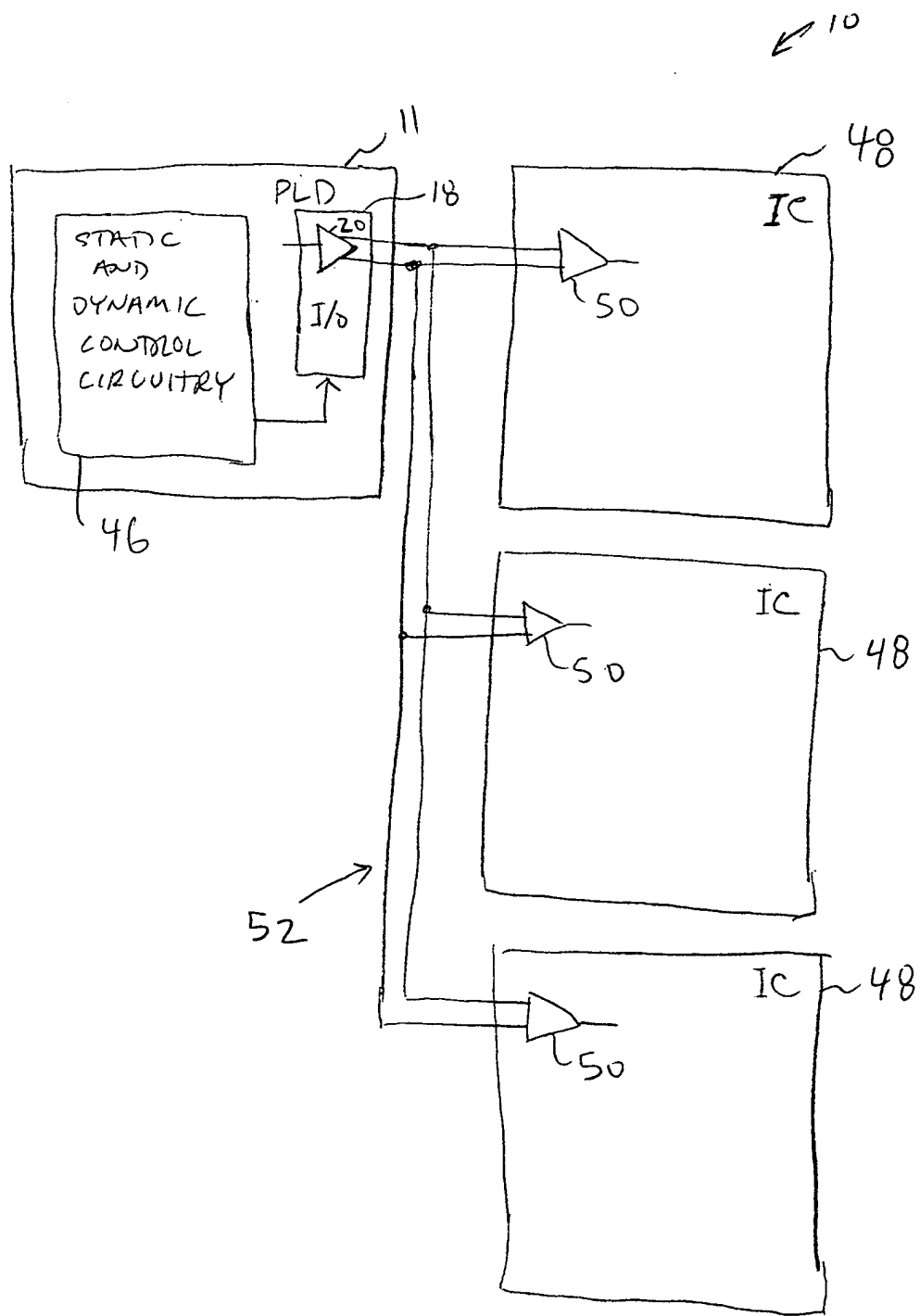
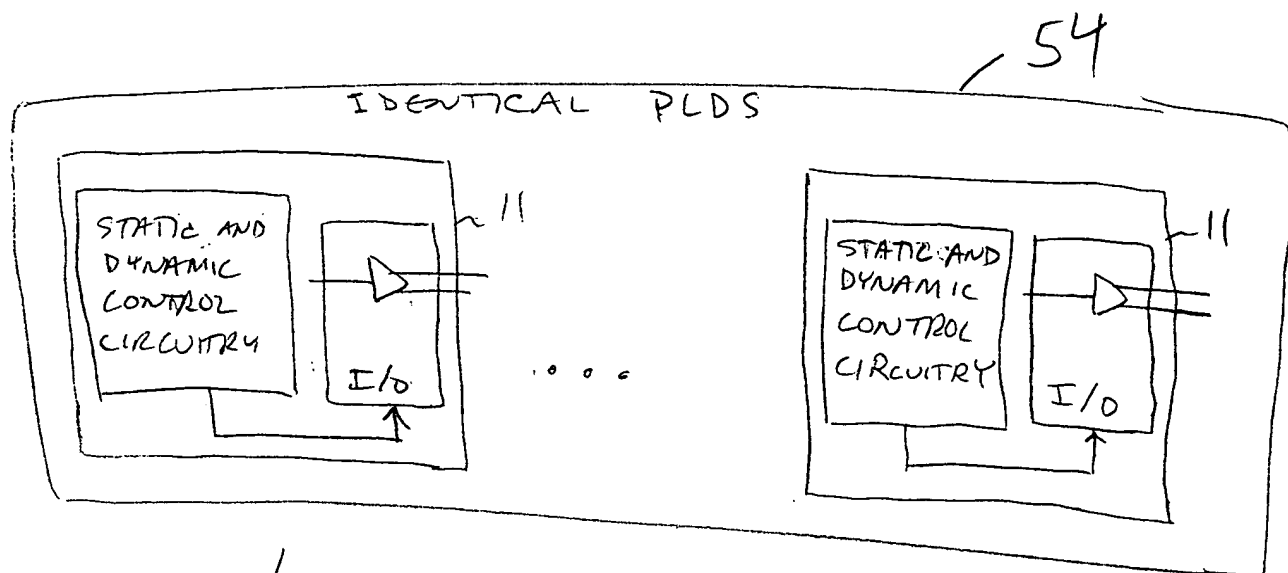


FIG. 2



PROGRAM AND/OR
ADJUST DYNAMIC
CONTROL SIGNALS
TO CONFIGURE I/O
TO SUPPORT AC-COUPLING

PROGRAM AND/OR
ADJUST DYNAMIC
CONTROL SIGNALS
TO CONFIGURE I/O
TO SUPPORT DC-COUPLING

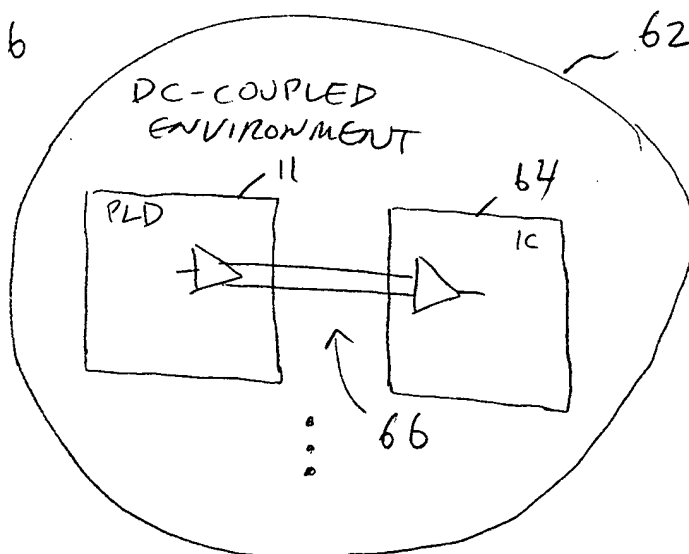
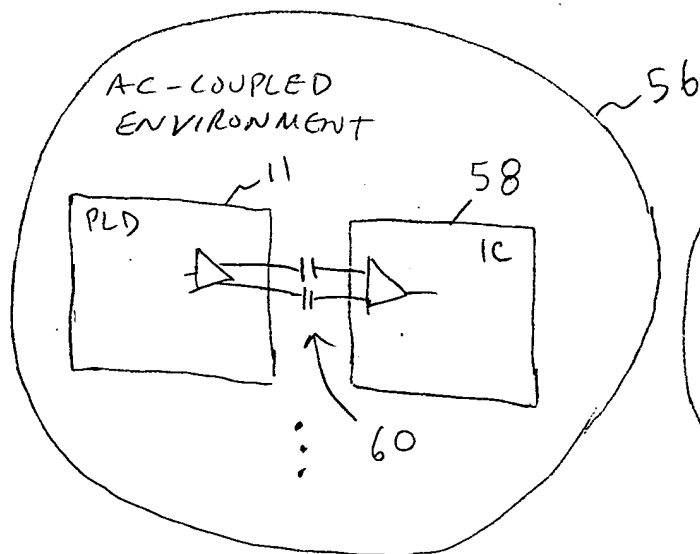


FIG. 3

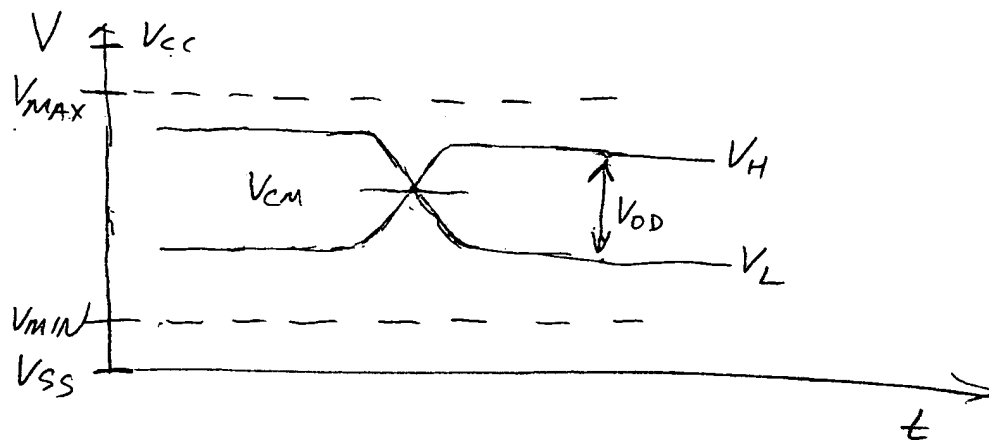


FIG. 4

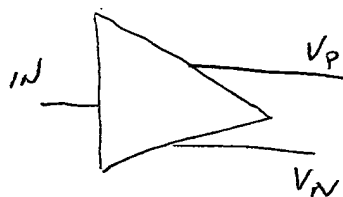


FIG. 5a

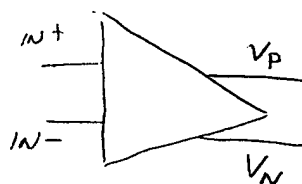


FIG. 5b

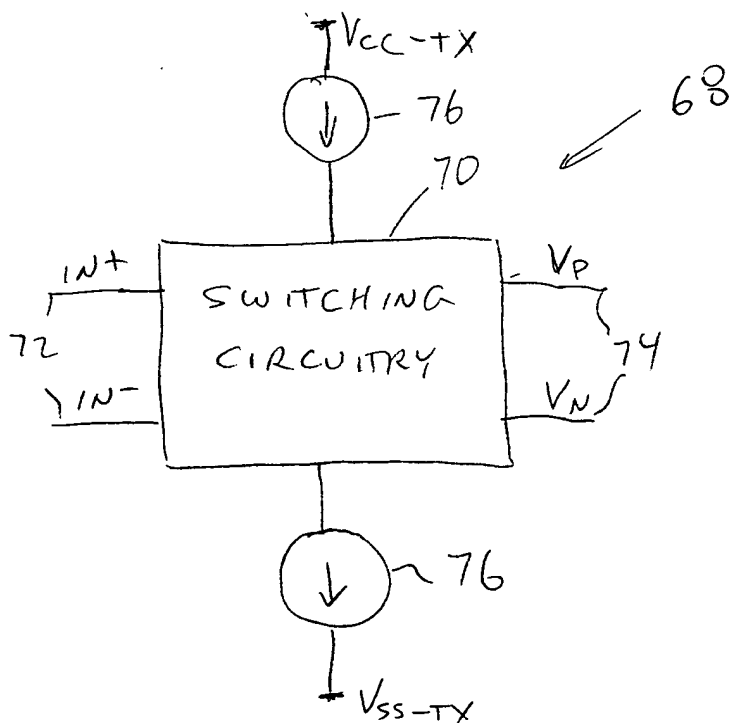


FIG. 6

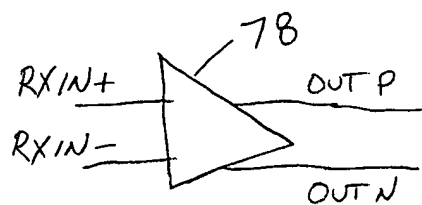


FIG. 7

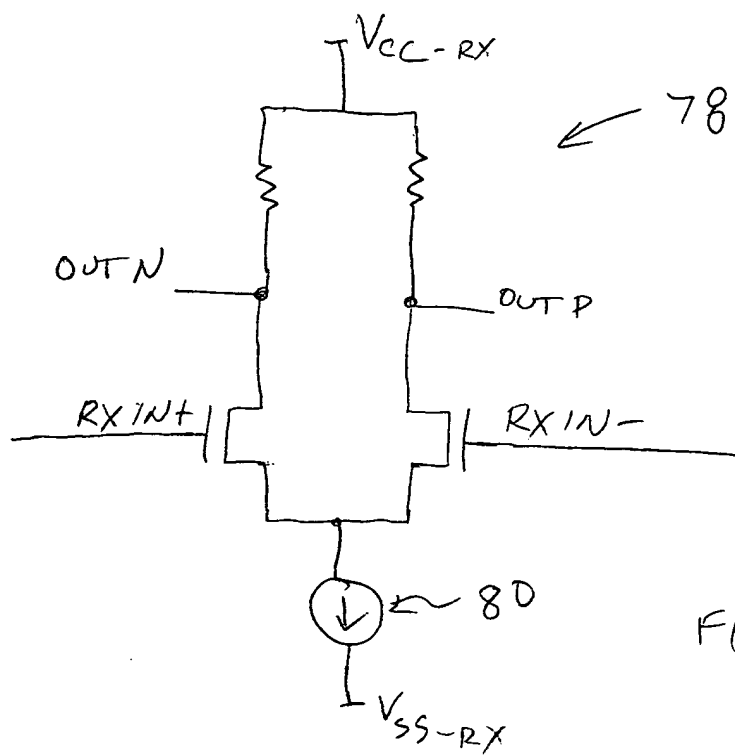


FIG. 8

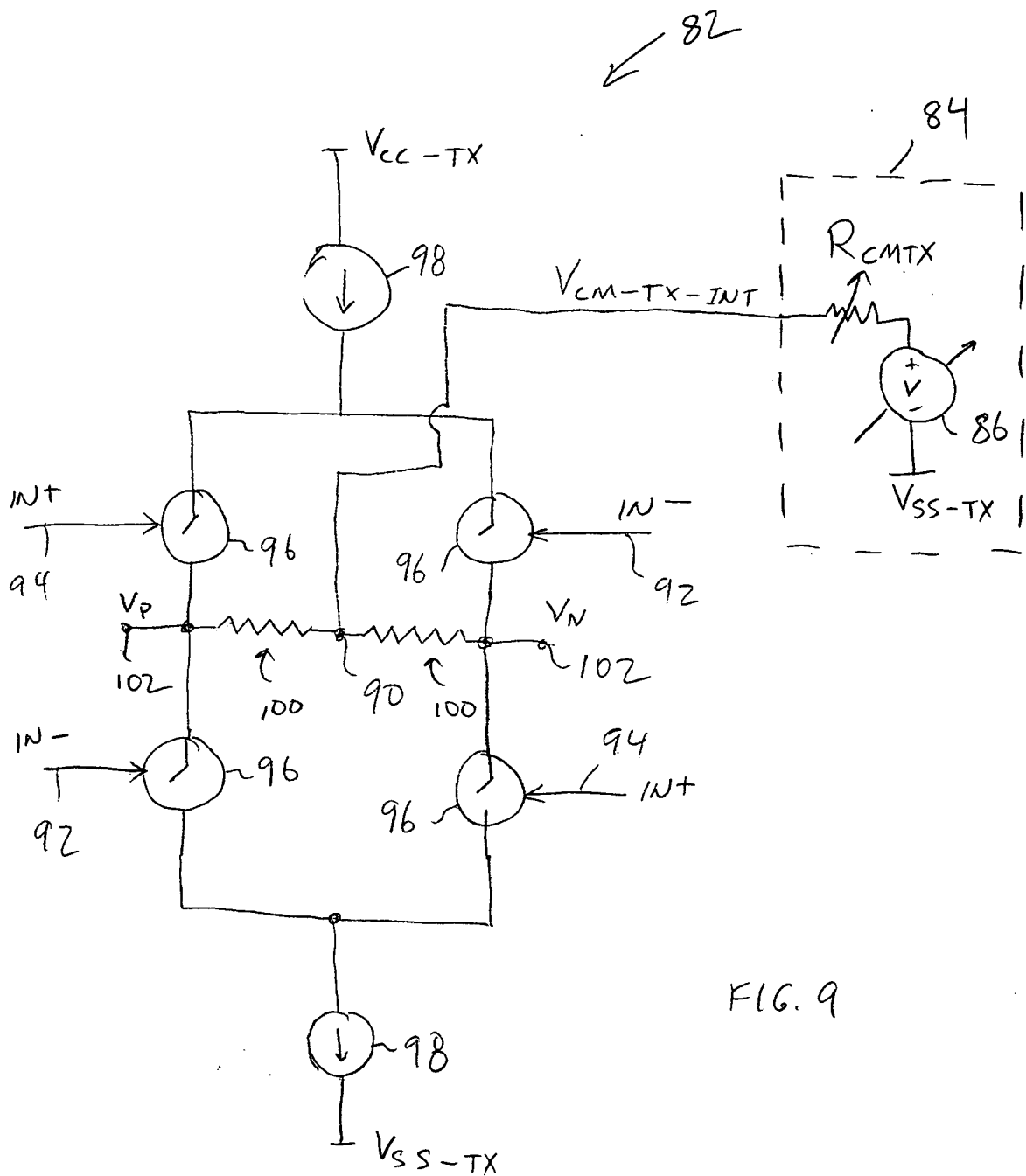


FIG. 9

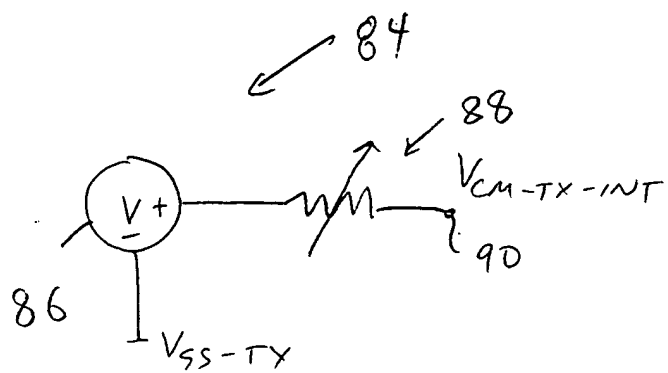


FIG. 10a

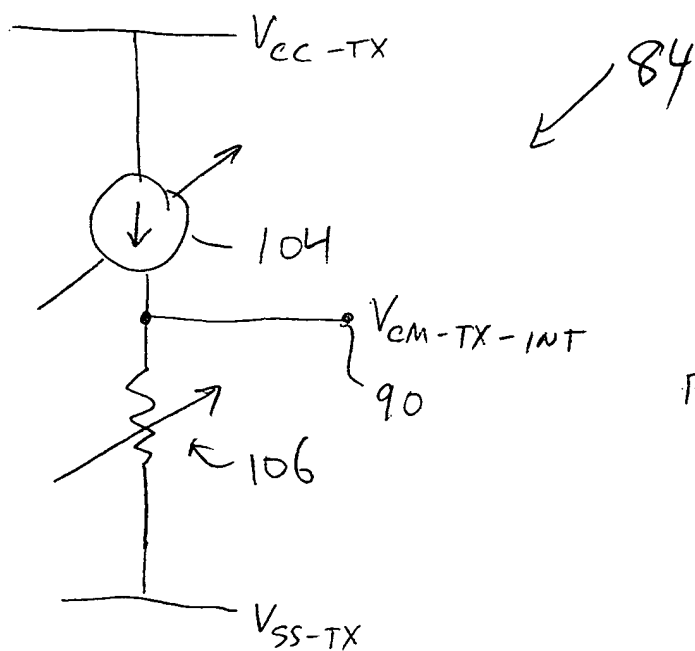
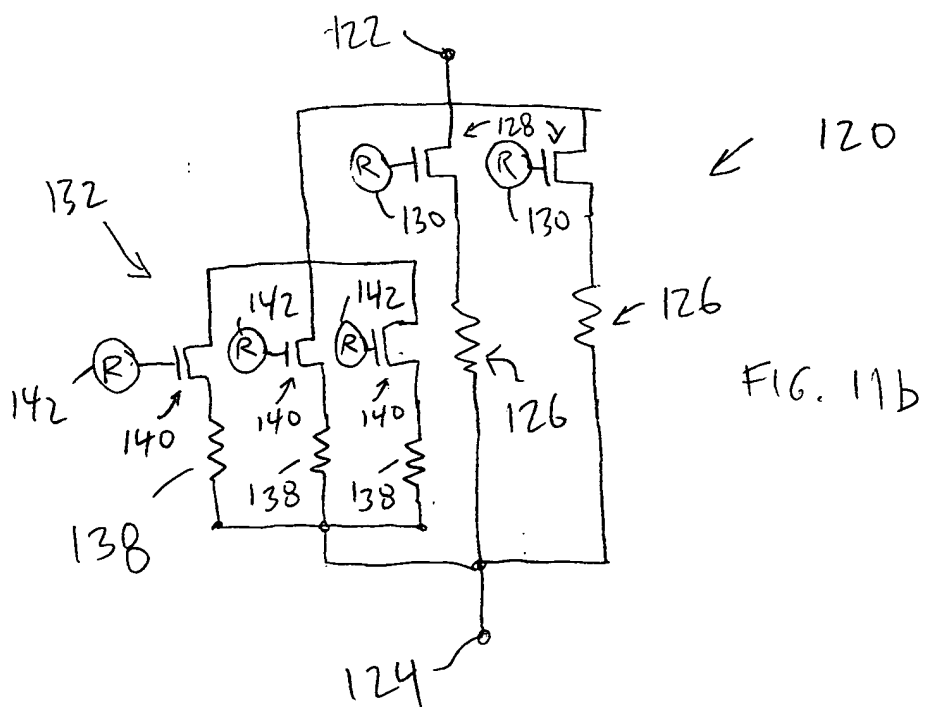
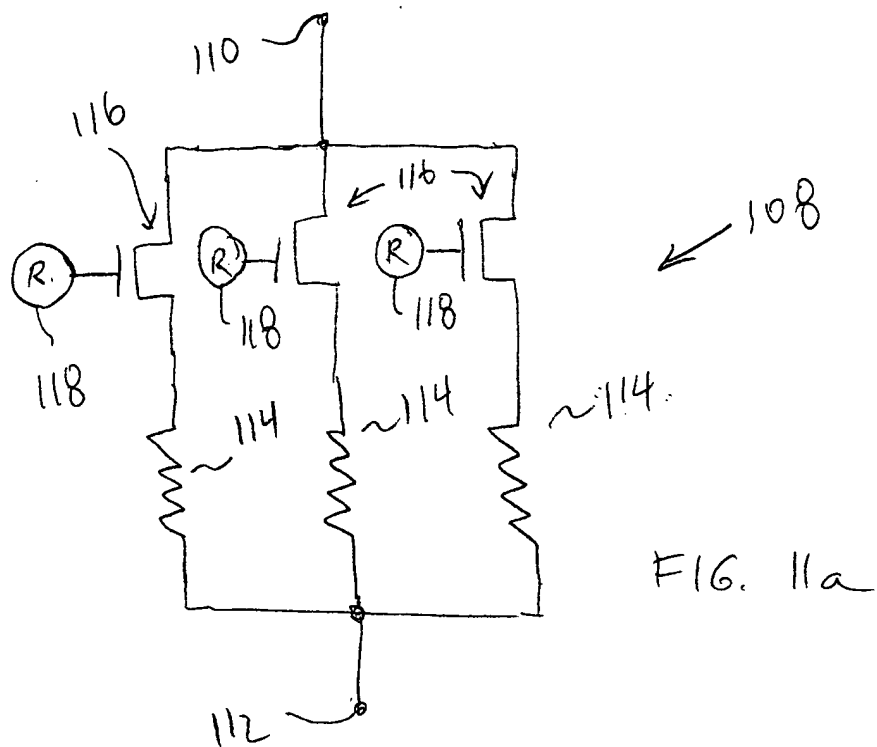


FIG. 10b



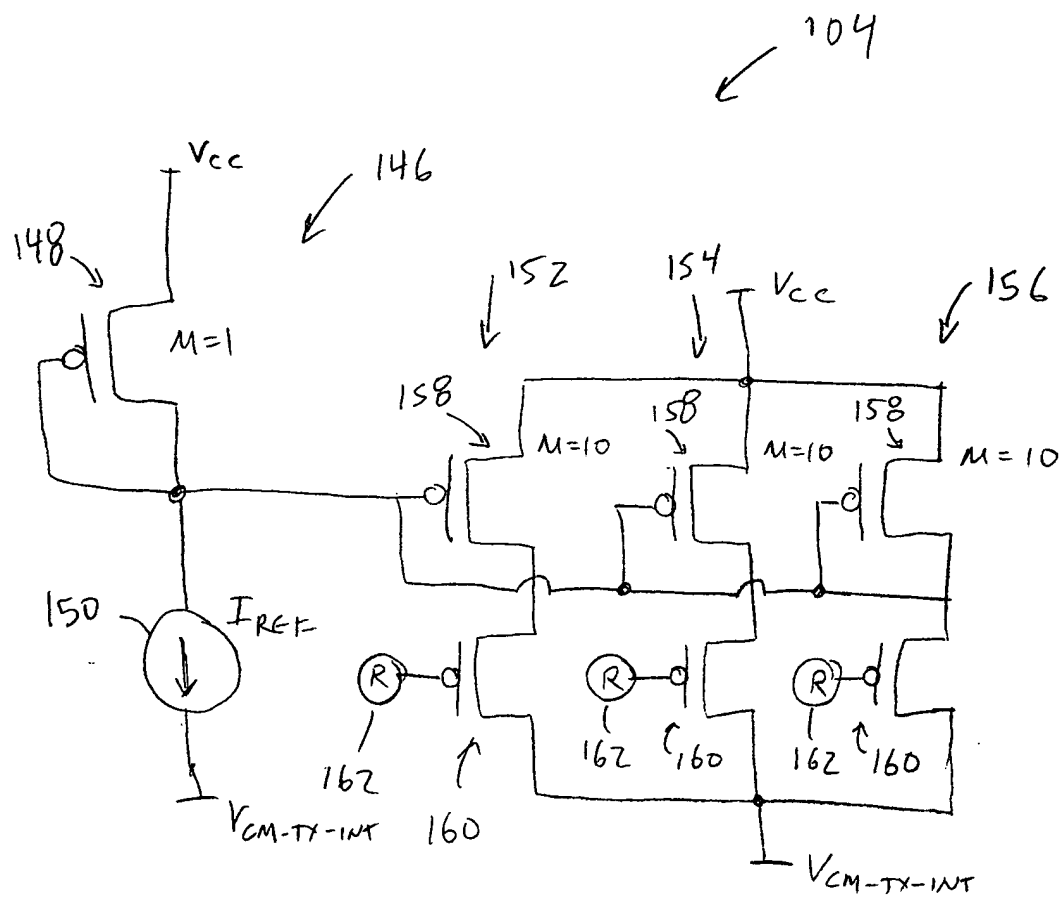


FIG. 12

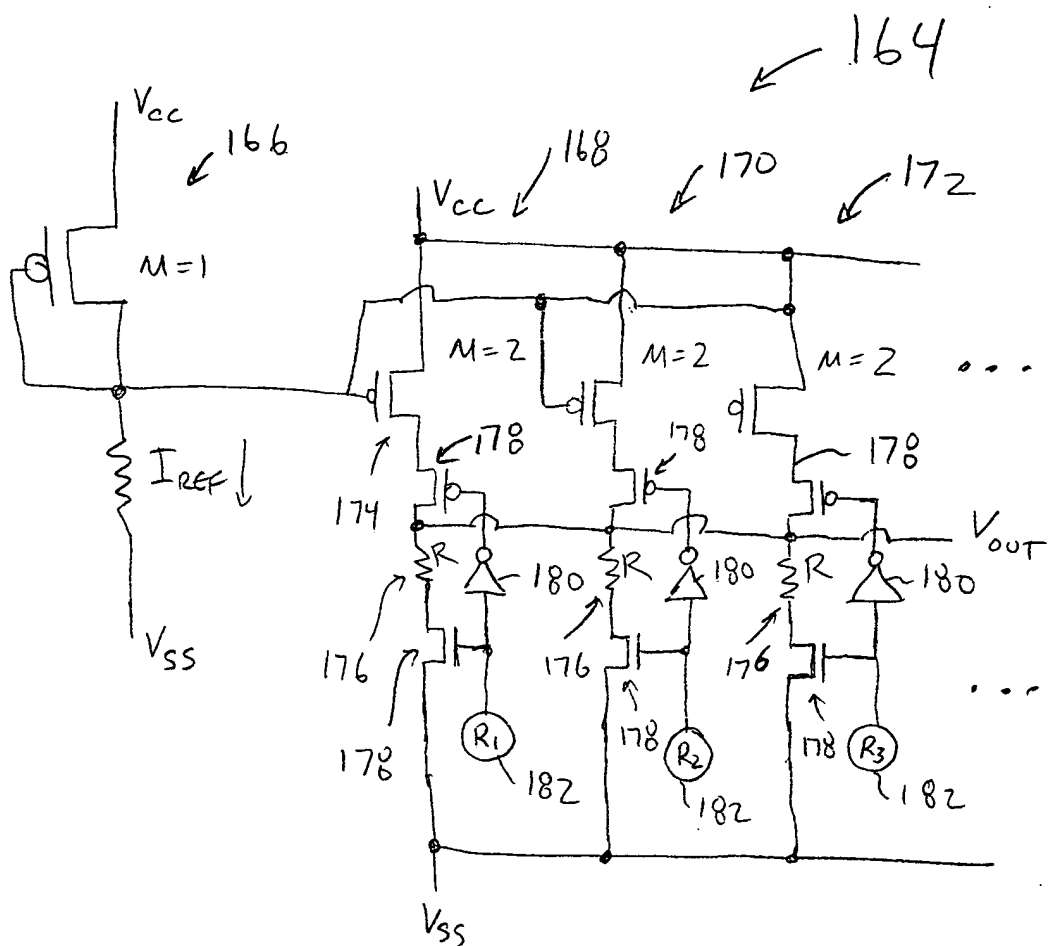


FIG. 13

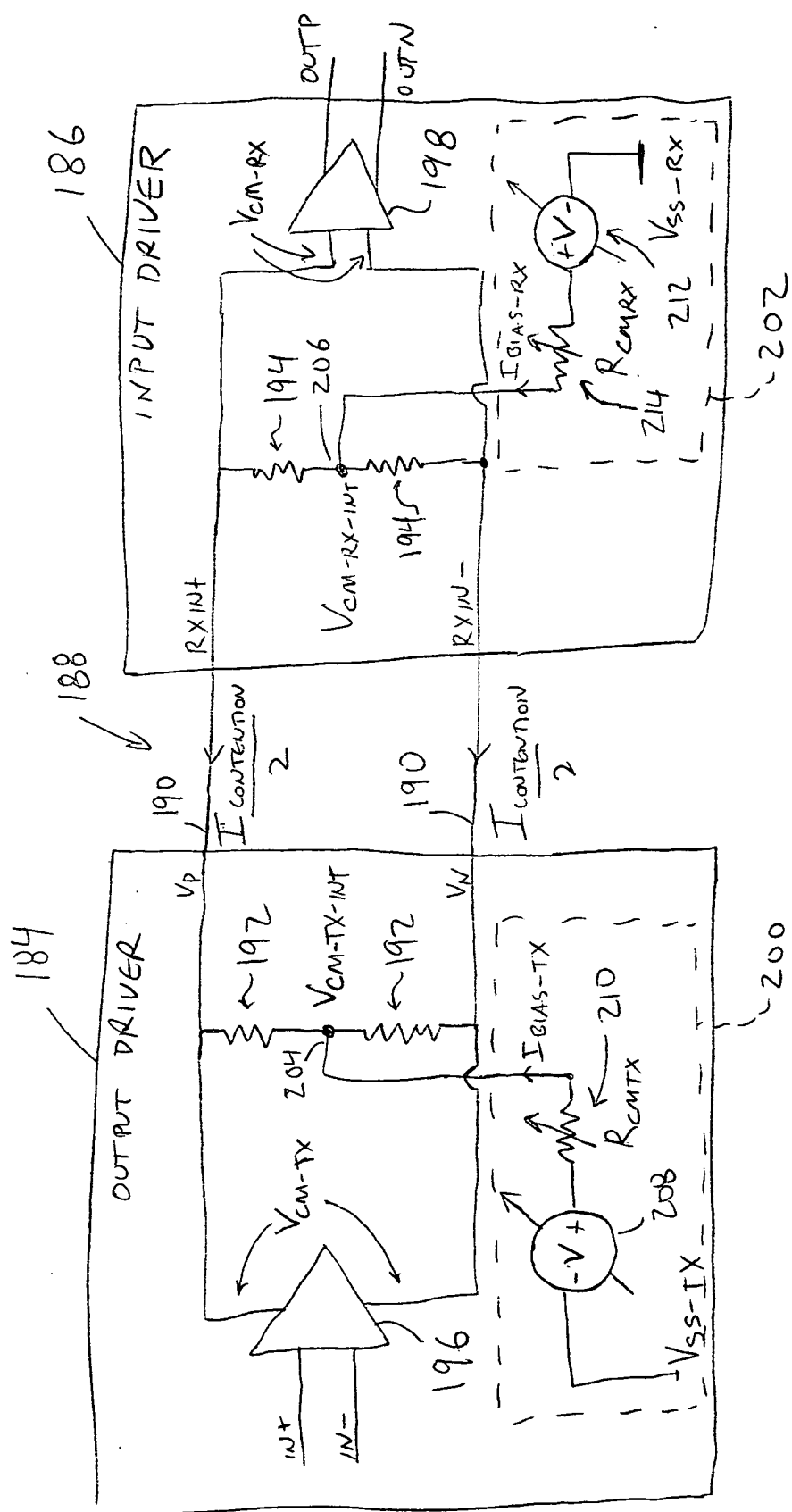


FIG. 14

	R_{CMRX}	$I_{BIAS-RX}$	R_{CMTX}	$I_{BIAS-TX}$	$I_{CONTANTION}$	$V_{CM-RX-INT}$	$V_{CM-TX-INT}$	V_{CM-RX}
ADJUST $R_{CMRX} \downarrow$ TO MAKE V_{CM-RX} CLOSER TO DESIRED LEVEL	\downarrow	\uparrow	$-$	$-$	\uparrow	\uparrow	\uparrow	\uparrow (CLOSER TO OPTIMUM CM VOLTAGE AT RX)
ADJUST $R_{CMTX} \uparrow$ TO MAKE V_{CM-RX} CLOSER TO DESIRED LEVEL	$-$	$-$	\uparrow	\downarrow	\downarrow	\uparrow	\uparrow	\uparrow (CLOSER TO OPTIMUM CM VOLTAGE AT RX)

FIG. 15

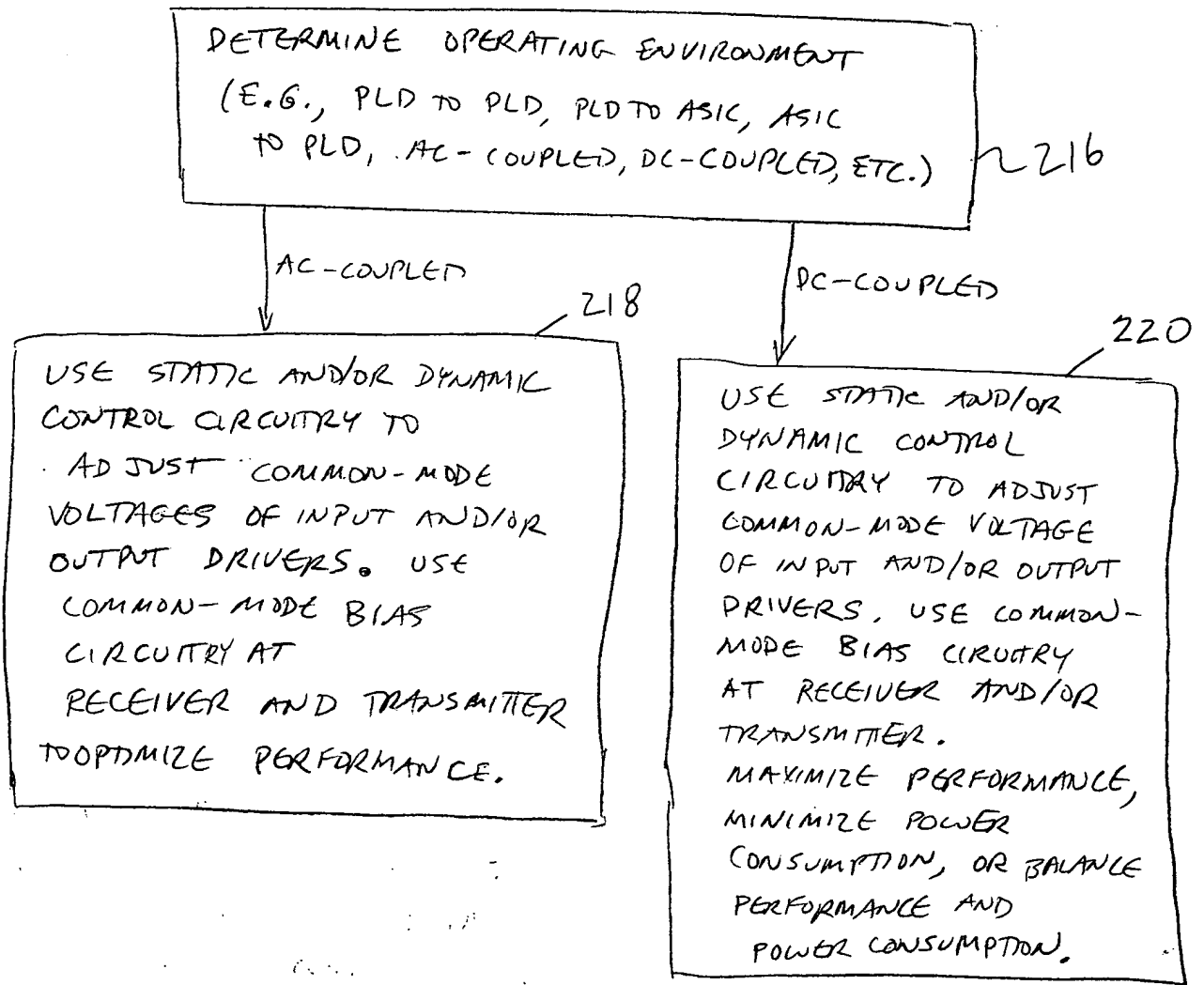


FIG. 16